



# WIDER UNDERSTANDING & STUDY OF USE OF HYDROGEN IN JAPAN - AIRBUS PARTNERS KAWASAKI HEAVY INDUSTRIES

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Airbus and Kawasaki Heavy Industries have signed a Memorandum of Understanding to gain a wider understanding of hydrogen supply, infrastructure and fueling, and will support the future deployment of hydrogen-powered commercial aircraft. The MoU was signed at a ceremony in Tokyo, attended by Stéphane Ginoux, Head of North Asia region for Airbus and President of Airbus Japan, and Motohiko Nishimura, Executive Officer and Deputy General Manager of Hydrogen Strategy Division, Kawasaki.

Through this initiative, Airbus and Kawasaki will jointly prepare a roadmap with actions to address challenges and define an advocacy plan on hydrogen aviation needs. Both parties will also embark on projects to pioneer the deployment of a hydrogen infrastructure for aviation with a particular focus on the development of Airport Hydrogen Hubs.

“We are very pleased to work with Japan's leading hydrogen supplier Kawasaki. This partnership will obviously accelerate and promote efforts by the Japanese government to achieve a carbon-neutral, decarbonised society from overall aircraft operations in 2050,” said Stéphane Ginoux. “We strongly believe that the use of hydrogen - both in synthetic fuels and as a primary power source for commercial aircraft - has the potential to

## **significantly reduce aviation's climate impact.”**

“Hydrogen is a clean energy that emits no CO2 and is suitable as sustainable aviation fuel,” said Motohiko Nishimura. “We have specialised in the development of infrastructure for liquefaction, transportation, storage and transport to receiving terminals, contributing to the construction and expansion of supply chains for the hydrogen market. We are confident that our technology will connect the hydrogen production and consumption areas, creating a new road called Hydrogen Road.”

Each partner will leverage their complementary expertise to help define the potential opportunities that hydrogen offers, and support the decarbonisation of the aviation industry. Airbus will provide aircraft characteristics, fleet energy usage, and insight on hydrogen-powered aircraft for ground operations. Kawasaki will provide cost outlook and technology drivers on the various elements of the supply chain while building infrastructure deployment scenarios for the supply of targeted airports.

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